

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

SOYBEAN HARVEST CONTINUED STRONG DESPITE SHOWERS

One-third of Minnesota’s soybean crop was harvested last week despite interruptions from bouts of precipitation, according to USDA, NASS, Minnesota Field Office. Harvest progress for both corn and soybeans remained ahead of the five-year average pace despite rains that left 22 percent of the state’s topsoil moisture supply rated surplus. Pasture conditions were noticeably improved while sugarbeet conditions declined.

The average temperature for the week was 61.5°, 9.9° above normal. Statewide topsoil moisture supplies as of Friday were rated 2 percent very short, 10 short, 66 adequate, and 22 surplus.

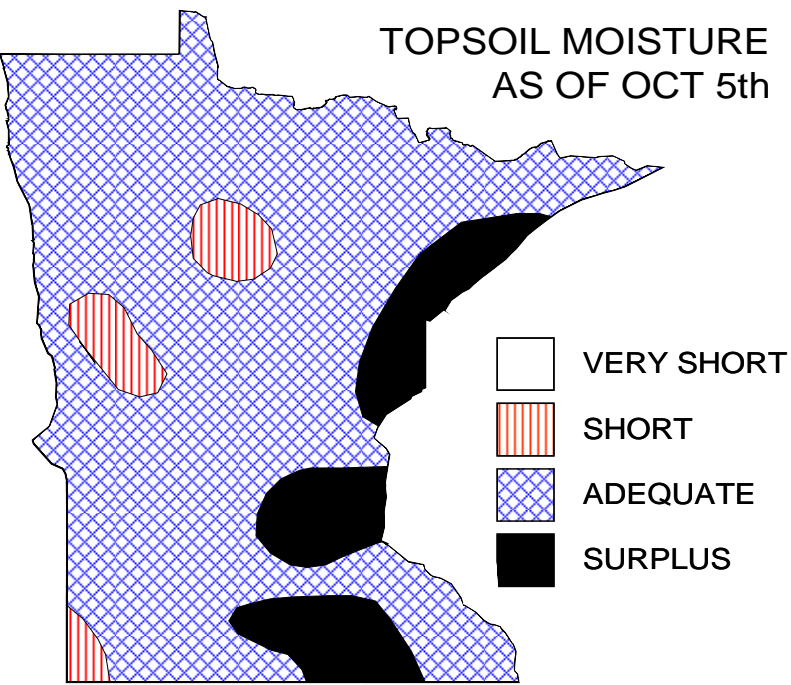
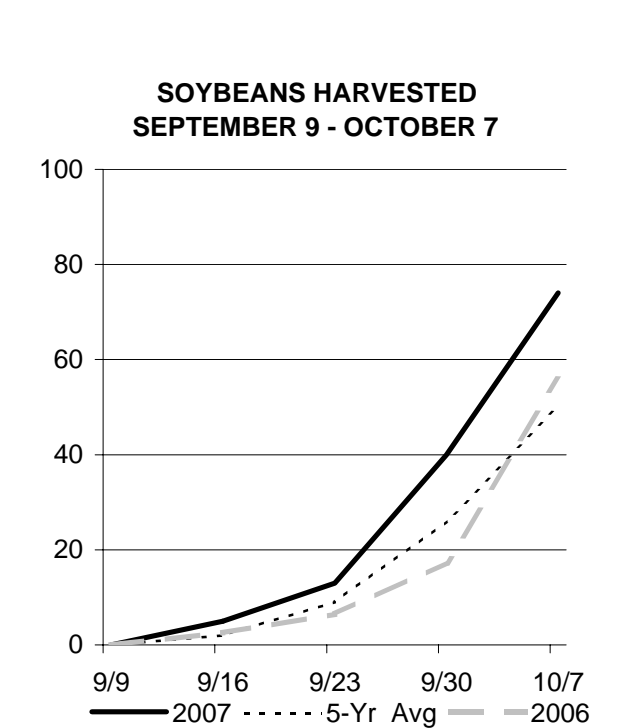
As of Sunday, Oct 7th, twenty-five percent of corn for grain was harvested compared to 10 percent average. Moisture content of corn harvested for grain was estimated at 20 percent compared to 23 percent average. Seventy-four percent of soybeans were harvested compared to 50 percent average. Moisture content of soybeans harvested was estimated at 12 percent.

As of Friday, Oct 5th, 46 percent of field corn and 57 percent of soybeans were rated in good or excellent condition. Forty-five percent of pasture, 58 percent of sugarbeets, and 65 percent of sunflowers were rated in good or excellent condition.

Days Suitable for Fieldwork: 4.0				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	2	10	66	22

Crop Progress as of October 7, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Harvested	25	15	7	10
	Moisture	20	22	23	23
Soybeans	Harvested	74	40	56	50
	Moisture	12	12	12	13
Sugarbeets	Harvested	42	16	45	45
Potatoes	Harvested	82	72	86	76
Dry Beans	Harvested	89	67	90	78
Sunflowers	Harvested	15	10	12	12

Crop Condition as of October 5, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	8	15	32	38	7
Corn	10	12	32	37	9
Soybeans	5	9	29	42	15
Sugarbeets	3	8	31	42	16
Sunflowers	1	7	27	48	17



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 7,2007:
Temperatures averaged from 5.3 degrees above normal in the Northwest District to 12.6 degrees above normal in the Southeast District.
Extremes: 34 degrees in Warroad; 89 degrees in Red Wing, Montevideo.
Precipitation averaged from 0.12 inch below normal in the Northwest District to 1.85 inches above normal in the East Central District.
Greatest weekly total was 3.80 inches recorded in Grand Marais.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website;
<http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 10/1/2007 through 10/7/2007

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 3	Depart from Norm
<u>NW DIST 1</u>										
Crookston	82	35	54.8	4.9	.22	-.24	-.77	2.35	2376	111
Moorhead	87	40	58.3	7.2	.22	-.27	.44	4.31	2663	283
Warroad	72	34	51.5	3.9	.64	.15	-.67	.75	2159	202
<u>NC DIST 2</u>										
Grand Rapids	72	41	58.5	9.7	.78	.10	1.66	-3.16	2354	377
Intl. Falls	70	37	54.0	7.2	.49	-.06	1.54	.41	1963	129
Itasca	76	37	54.0	7.3	.69	.05	-.02	.29	2234	392
<u>NE DIST 3</u>										
Duluth	75	44	56.7	8.2	1.77	1.08	2.28	-4.88	2073	311
Grand Marais	63	50	56.2	7.1	3.80	3.12	4.93	2.27	1306	-92
Hibbing	71	41	56.2	9.0	.90	.25	.38	-9.73	2025	226
<u>WC DIST 4</u>										
Alexandria	83	43	60.5	9.6	1.56	1.02	2.38	-6.32	2658	372
Browns Valley	88	40	58.6	6.2	.09	-.32	2.90	7.91	2574	41
Canby	88	45	63.3	8.7	1.08	.58	.03	-1.47	2868	188
Fergus Falls	85	44	60.1	9.3	.47	-.01	-.54	.62	2586	270
Montevideo	89	42	65.4	12.4	1.84	1.38	3.44	.95	2825	291
Morris	86	39	59.8	7.9	1.52	.99	4.28	2.21	2627	175
<u>CENT DIST 5</u>										
Becker	86	46	63.6	12.9	2.04	1.49	3.26	-2.18	2822	570
Collegeville	85	45	64.5	10.1	1.46	.84	1.57	-3.01	2968	375
Hutchinson	87	43	65.4	12.2	1.50	1.07	1.63	-2.32	2929	377
Olivia	85	42	63.5	11.1	1.72	1.23	1.49	-1.44	2780	302
St. Cloud	85	41	63.8	13.1	1.98	1.42	3.00	-1.66	2705	453
Staples	81	41	57.8	8.1	.54	-.07	3.74	1.02	2377	337
Willmar	86	40	61.4	9.0	1.59	1.06	2.65	-.05	2821	344
<u>EC DIST 6</u>										
Aitkin	M	M	M	M	M	M	1.14m	-4.85m	2301m	377m
Forest Lake	88	45	63.9	11.1	3.74	3.12	5.05	.18	2798	366
MSP Airport	87	47	67.4	13.2	1.54	1.05	4.09	4.18	3144	483
St. Paul - UofM	86	47	67.8	11.9	1.98	1.37	5.05	-1.73	3174	419
<u>SW DIST 7</u>										
Lamberton	88	43	65.2	11.8	2.90	2.41	2.11	.45	2871	287
Pipestone	87	40	63.9	11.7	1.84	1.28	1.30	-1.90	2804	322
Redwood Falls	87	44	65.5	10.6	3.75	3.30	4.30	2.49	2925	177
Worthington	84	44	61.8	9.6	1.09	.62	1.10	5.65	2828	407
<u>SC DIST 8</u>										
Faribault	86	45	65.2	12.5	2.04	1.49	2.87	.26	2874	403
Mankato	88	44	65.6	11.9	1.27	.69	1.19	-2.75	2888	306
Waseca	88	43	65.4	12.1	3.06	2.47	2.89	5.60	2885	361
Winnebago	88	44	65.5	11.0	1.34	.80	2.01	-2.83	2876	254
<u>SE DIST 9</u>										
Preston	84	43	65.5	12.3	2.02	1.42	.87	9.06	2685	300
Red Wing	89	47	66.4	12.6	2.01	1.42	1.63	2.23	2898	329
Rochester	88	47	66.8	14.4	.55	.00	2.95	8.28	2877	527
Rosemount	87	44	65.2	11.5	1.83	1.21	2.09	.25	2879	426
Winona	86	48	66.6	10.5	1.07	.50	.53	6.82	2808	-52

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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